



Dr. Diana Weber

AAAS Fellow

Directorate for Biological Sciences

Division of Environmental Biology

Class of 2015-16

Diana is joining NSF as a AAAS Science and Technology Policy Fellow in the Division of Environmental Biology, where she is working in Ecology of Infectious Diseases. Diana is a marine biologist and conservation geneticist specializing in marine and arctic mammals/ wildlife trade/ conservation genetics/ climate change/ wildlife ecology. She just published a paper on wildlife trade/ CITES/ CBNRM, highlighting polar bears as a case study. In another recent polar bear paper, she investigated the immune system in light of climate change and its potential effect on diseases in the Arctic. As a visiting assistant professor, Diana developed marine, conservation, and climate-change biology courses that incorporated policy, communication skills, teamwork, and the importance of researching and analyzing problems to develop solutions for environmental issues that are acceptable to different stakeholders. During her postdoctoral fellowship, she wrote and received two NSF grants – one from the Division of Polar Programs to study the genetic diversity in the immune system of Arctic marine and terrestrial mammals. Prior research investigated genetic monitoring by surveying the loss of genetic diversity from human impacts in marine mammals, using ancient and modern DNA. Since she finished her Ph.D., Diana has promoted and mentored underrepresented groups in science research and she was very proud when she was awarded a New York Educational Leader and Mentor Award. Diana's 'off-science' time focuses on her German shepherd and uromastix lizard.